WATER ANALYSIS RESULTS:

The analysis results for CN (EPA method 335.2) and F (EPA method 340.3) are tabled below.

Measuring Point	Elemental Concentration (mg/L) CN (MCL = 0.20)	F (4.0 = MCL)
TW-2	0.246	3.10
TW-8	0.002	0.25
PW-5	0.117	0.23
CF-MW-2	0.589	3.80
North Perc. Pond Inlet	0.039	1.29
South Leach Pond	9.090 1,120.0	
South Perc. Pond	0.026	1.22
Upper ground water seep	0.151	2.40
Lower ground water seep	0.079	2.70
Upstream Flathead River	<0.001	<.10
Downstream Flathead River	0.006	0.41

The proposed 0.2 mg/L MCL (EPA 1991) for CN was exceeded at two monitoring wells and in the surface water of the south leach pond that receives subsurface drainage from the potliner landfill. Elevated CN levels were detected at the Number 5 production well (0.117 mg/L) and the ground water seeps along the bank of the Flathead River (0.151 and 0.079 mg/L).

The MCL for F (4.0) was exceeded at the south leach pond. Elevated F levels were measured in wells and surface water.

Organic Constituents

Volatile organic carbon analysis (EPA method 524.2) detected toluene, ethylbenzene, xylene, trimethylbenzene and napthalene in the north percolation pond. Semi-volatile organic carbon analysis of the same source detected numerous polycrylic aromatic hydrocarbons at concentrations ranging from 17 to 60 ug/L.

RECOMMENDATIONS:

Schedule a meeting with WQB staff to discuss the laboratory results and notify CFAC. Continue to review the quarterly monitoring reports submitted by CFAC.